

OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

Course Code and Number: AGRI 220		Number of Credits: 3 Course credit policy (105)													
Course Full Title: Plants in the Landscape Course Short Title: Plants in the Landscape															
Faculty: Faculty of Science		Department (or program if no department):													
Calendar Description: Identification, use, and maintenance of herbaceous and woody plants in the landscape will be explored in this class. Site selection and individual plant growing requirements will be emphasized. Note: Field trips outside of class time will be required. Please check with the department for details.															
Prerequisites (or NONE):		None.													
Corequisites (if applicable, or NONE):		None.													
Pre/corequisites (if applicable, or NONE):		AGRI 124.													
Antirequisite Courses (<i>Cannot be taken for additional credit.</i>) Former course code/number: Cross-listed with: Equivalent course(s): <i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>		Course Details Special Topics course: No <i>(If yes, the course will be offered under different letter designations representing different topics.)</i> Directed Study course: No <i>(See policy 207 for more information.)</i> Grading System: Letter grades Delivery Mode: Face-to-face only Expected frequency: Annually Maximum enrolment (for information only): 25													
Typical Structure of Instructional Hours <table border="1"> <tr> <td>Lecture/seminar</td> <td>25</td> </tr> <tr> <td>Experiential (field trip)</td> <td>20</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>Total hours</td> <td>45</td> </tr> </table>		Lecture/seminar	25	Experiential (field trip)	20							Total hours	45	Prior Learning Assessment and Recognition (PLAR) PLAR is available for this course.	
Lecture/seminar	25														
Experiential (field trip)	20														
Total hours	45														
Scheduled Laboratory Hours Labs to be scheduled independent of lecture hours: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		Transfer Credit (See bctransferguide.ca) Transfer credit already exists: Yes Submit outline for (re)articulation: Yes <i>(If yes, fill in transfer credit form.)</i>													
Department approval		Date of meeting: November 2022													
Faculty Council approval		Date of meeting: December 2, 2022													
Undergraduate Education Committee (UEC) approval		Date of meeting: April 21, 2022													

Learning Outcomes *(These should contribute to students' ability to meet program outcomes and thus Institutional Learning Outcomes.)*

Upon successful completion of this course, students will be able to:

1. Identify using common name, latinate binomial name, and when applicable Halq'eméylem name 100 commonly used landscape and ornamental plants.
2. Describe appropriate landscape use, environmental requirements and common problems of these plants.
3. Explain the significance of the terms "hybrid" and "cultivar".
4. Employ botanical terminology and the taxonomic naming system.
5. Explain the taxonomic hierarchy and its place / development in the history of science.
6. Identify common name, latinate binomial name, and Halq'eméylem or other First Language name 20 to 30 BC native plants and discuss their historical and contemporary use by Indigenous people.
7. Explain the role that ornamental plantings have played in the introduction of invasive plant species to North America.
8. Identify using common name and latinate binomial name 5 invasive plants that originated as ornamental landscape plants.
9. Select appropriate plants for different landscaping goals - e.g. wildlife gardens, shade gardens, xeriscaping, fire smart gardening.

Recommended Evaluation Methods and Weighting *(Evaluation should align to learning outcomes.)*

Quizzes/tests:	50%	Final exam:	40%	Assignments:	10%
	%		%		%

Details:

NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.

Texts and Resource Materials *(Include online resources and Indigenous knowledge sources. [Open Educational Resources](#) (OER) should be included whenever possible. If more space is required, use the [Supplemental Texts and Resource Materials form](#).)*

Type	Author or description	Title and publication/access details	Year
1. Online resource		First Voices Halq'eméylem Home Page (https://www.firstvoices.com/explore/FV/sections/Data/Salish/Halkomelem/Halq'em%C3%A9ylem)	
2. Online resource		BC Invasive Species (https://bcinvasives.ca/take-action/identify/)	
3. OER book		Red Seal Landscape Horticulturist Identify Plants and Plant Requirements (https://open.bccampus.ca/browse-our-collection/find-open-textbooks/?uuid=4c5f9ce3-4238-4576-94cd-e02710b8fc4a&contributor=&keyword=&subject=)	
4.			
5.			

Required Additional Supplies and Materials *(Software, hardware, tools, specialized clothing, etc.)*

Approximately \$50 required to cover required field trips.

Course Content and Topics

- Binomial naming system, leaves, zones
- Inflorescences, sexual organs of angiosperms
- Fruits
- Dogwoods and heathers
- Maples and oaks
- Conifers
- Rhododendrons, magnolias, plums, and cherries
- Autumn colour
- Ferns, shade gardens
- Xeriscaping and fire smart gardening, ornamental grasses
- Winter gardens, hamamelis